



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Henry A. Hill
Serial No. : 10/009,012
Filed : November 5, 2001
Title : INTERFEROMETRY SYSTEM HAVING A DYNAMIC BEAM STEERING
ASSEMBLY FOR MEASURING ANGLE AND DISTANCE

Art Unit : 2877
Examiner : Samuel A. Turner

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RECEIVED

JUL 29 2004

TECH CENTER 2800

INFORMATION DISCLOSURE STATEMENT

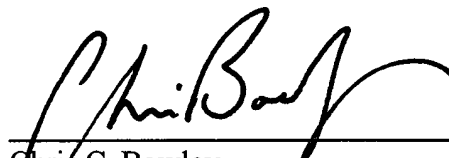
Applicant submits the references listed on the attached form PTO-1449.

This statement is being filed after a first Office action on the merits, but before receipt of a final Office action or a Notice of Allowance. A check for \$180 in payment of the late submission fee of §1.17(p) is enclosed. Please apply any other charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: _____

7/23/2004


Chris C. Bowley
Reg. No. 55,016

Fish & Richardson P.C.
225 Franklin Street
Boston, MA 02110-2804
Telephone: (617) 542-5070
Facsimile: (617) 542-8906

20908088.doc

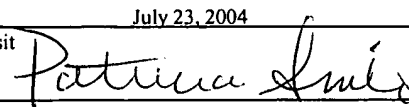
07/28/2004 WABDEL R1 00000121 10009012

02 FC:1806

180.00 OP

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date of Deposit July 23, 2004

Signature

Patricia Smith
Typed or Printed Name of Person Signing Certificate

Substitute Form PTO-1449

U.S. Department of Commerce
Patent and Trademark Office

Attorney's Docket No.

09712-110001

Application No.

10/009,012

**Information Disclosure Statement
by Applicant**

(Use several sheets if necessary)

(37 CFR §1.96(b))

Applicant

Henry A. Hill

Filing Date

November 5, 2001

Group Art Unit

2877

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	4,859,066	08/22/89	Sommargren			
	AB	4,881,816	11/21/89	Zanomi			
	AC	5,064,289	11/12/91	Bockman			
	AD	5,114,234	05/19/92	Otsuka et al.			
	AE	5,151,749	09/29/92	Tanimoto et al.			
	AF	5,187,543	02/16/93	Ebert			
	AG	5,331,400	07/19/94	Wilkening et al.			
	AH	5,363,196	11/08/94	Cameron			
	AI	5,663,793	09/02/97	de Groot			
	AJ	5,724,136	03/03/98	Zanoni			
	AK	5,764,361	06/09/98	Kato et al.			
	AL	5,790,253	08/04/98	Kamiya			
	AM	5,801,832	09/01/98	Van Den Brink			
	AN	6,008,902	12/28/99	Rinn			
	AO	6,020,964	02/01/00	Loopstra et al.			
	AP	6,046,792	04/04/00	Van Der Werf et al.			
	AQ	6,134,007	10/17/00	Naraki et al.			
	AR	6,137,574	10/24/00	Hill			
	AS	6,181,420	01/30/01	Badami et al.			
	AT	6,201,609	03/13/01	Hill et al.			
	AU	6,208,424	03/27/01	de Groot			
	AV	6,236,507	05/22/01	Hill et al.			
	AW	6,246,481	06/12/01	Hill			
	AX	6,252,668	06/26/01	Hill			
	AY	6,313,918	11/06/01	Hill et al.			
	AZ	6,304,318	10/16/01	Matsumoto			
	AAA	2002/0048026	04/25/02	Isshiki et al.			

Examiner Signature

Date Considered

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 09712-110001	Application No. 10/009,012
Information Disclosure Statement by Applicant (Use several sheets if necessary)		Applicant Henry A. Hill	
		Filing Date November 5, 2001	
		Group Art Unit 2877	

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	ABB	6,541,759	04/01/03	Hill			

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	ACC	JP 10 260009	09/29/98	Japan				
	ADD	JP 10 260009 Abstract	09/29/98	Japan			X	
	AEE	JP 7-351078 Abstract Only	12/25/95	Japan			X	
	AFF	WO 00/17605		WIPO			X	

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AGG	Badami, V.G. et al. "Investigation of Nonlinearity in High Accuracy Heterodyne Laser Interferometry." <u>American Society for Precision Engineering 1997 Proceedings</u> , 16:pp. 153-156, 1997.
	AHH	Mauer, P. "Phase Compensation of Total Internal Reflection." J. Opt. Soc. Am. 56:9, pp. 1219-1221.
	AII	Player, M.A. "Polariation properties of a cube-corner reflector." J. Mod. Opt. 35:11, pp. 1813-1820.
	AJJ	Oka, K. et al. "Polarization heterodyne interferometry using another local oscillator beam." <u>Optics Communications</u> , 92:pp 1-5, 1992.

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	